



# Defense Logistics Management Standards Office



**DoD Supply Discrepancy Reports Transformation  
Initiative**

**November 19, 2003**

**DoD SDR Committee (US)**



# Outline

- **DLMSO Mission/Process (Policy to Interoperability)**
- **DoD SDR Transformation Objectives**
- **Implementation Approach**
- **Phase I (nearing IOC)**
- **Phase II Major Actions (BIC Funding Request)**
- **Current Actions**
- **Summary**



# Business Rules and Standards

## DoD Policy → Business Rules → Standards

DoD 4140.1-R... DoD activities responsible for resolving discrepancy reports should have a capability to automatically receive deficiency reports, store and process (e.g., categorize, sort, access related deficiency reports, assign investigators, and automatically route deficiency reports to the appropriate organization.



DoD 4000.25-M, Vol 2 (detailed business rules that support DoD policy)... This chapter establishes information requirements for electronic reporting of SDRs ... The DoD approved standard for electronic transmission of SDRs is the DLMS Supplement ... an ASC X12 compliant variable-length transaction format for the purpose of communicating deficiency/discrepancy information.



DLMS Supplement to Federal IC 842AW Standard SDR

### 842 Nonconformance Report

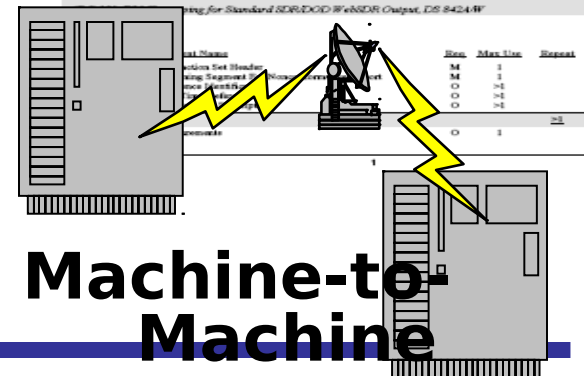
#### Functional Group-NC

This Draft Standard for Trial Use contains the format and establishes the data contents of the Nonconformance Report (NC) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction report products and processes that do not fulfill specifications or requirements. The Nonconformance Report provides the ability for the sender to report the nonconformance at the level of detail that is required. It reports the specific nonconformance of a component part while identifying the assembly as the product. The Nonconformance Report Transaction Set may be used to report, initiate, or request actions related to being reported. Financial and accounting information is provided for reporting purposes only. The Nonconformance Report Transaction Set has the capability to report the cause of the nonconformance and to state the proposed corrective action to prevent a recurrence of the problem.

**Notes:**  
 1) 0000 The HL, levels are item, component, product characteristic, report, and serial number. Valid HL levels are 1) item - component, 2) item - product characteristic, 3) component - product characteristic serial number, and 6) component - serial number.

**Federal Note:**  
 1. Use a single occurrence of this transaction set to transmit single complaint transaction to a single organization.  
 2. DoD Logistics users should refer to the Defense Logistics Management System (DLMS) Supplement Implementation Convention (IC) available at URL: <http://www.dlms.mil/5-6/dlms>. The DLMS Supplement business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS environment.

**DLMS Note:**  
 1. This DLMS Supplement (DS) provides the DOD standard format for SDR information. In addition, to transmit complaint transactions originated in the DoD WBS/SDR programs to the appropriate action copy recipients.  
 2. Responses to the SDR will be carried in the DS 842AW (under development).  
 3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Conversion Table which can be found on the Defense Logistics Management Standards Office (DLMSO) website: <http://www.dlms.mil/5-6/dlms>.  
 4. This DLMS Supplement incorporates the Approved DLMS Change (ADC) Issue. ADCs are available on the website: <http://www.dlms.mil/5-6/dlms/changes>.





# DoD SDR Transformation Objectives

- **Move SDRs into integrated transactional environment**
  - **Expand DLMS any-to-any translation capability to support SDRs**
- **Capture SDR management statistics... relate them to perfect order fulfillment**
- **Provide a facilitated web-based method to capture supply discrepancy information:**
  - **Route web-SDRs to correct action offices**
  - **Fills void for users without Service-sponsored program**
  - **Status and query screens**





# Implementation Approach

- **Phase 1 provides: WEB Input Capability**
  - **Web capability with pre-populated data**
  - **Web distribution based upon business rules and Component capabilities**
  - **Limited transactional exchanges**
- **Phase 2 provides: Integration of Component Systems**
  - **Extensive ability to receive and route SDR information using transactional exchange (X12, Component-unique UDF, XML, etc.)**
  - **Comprehensive SDR and response data base**

Fully integrate SDR information exchange into standard logistics automated processes



# DoD WebSDR Tool -

- **Customer-friendly web process**
  - **Auto-fill - reduces customer input, improves accuracy**
  - **Data requirements keyed to type discrepancy**
  - **Immediate verification of questionable input**
  - **Routing/Info copies based upon business rules**
- **Improved data content control**
  - **SF 364, ROD, data blocks**
    - **Remove obsolete; clarify; add Component unique requirements**
  - **Drop down code lists**
    - **Expanded and current; Joint Pub-based**
- **Supporting documentation**
  - **Photographs**
  - **Scanned image of documents**



# Systems Integration - Phas

- **Business Integration Council SDR Proposal**
  - **Accelerate DoD SDR Phase II implementation (December 2004 or sooner)**
  - **BIC SDR Champion DUSD(L&MR/SCI)**
  - **BIC initiative provides un-programmed and OSD emphasis**
  - **Initial resource estimate: \$675K split between DLMSO/DAASC; funds to be included for Army and Navy system changes to support external DAAS interface (TBD)**
- **Significant Actions**
  - **DUSD(L&MR/SCI) Director briefed September 11, 2003**
  - **BIC Logistics Board initially briefed October 8, 2003, follow-up 14 October**
  - **Army G-4 briefed October 30, 2003**
  - **BIC Executive Directors briefed November 12, 2003**
  - **DUSD(L&MR/SCI) Director briefed November 17, 2003**
  - **DLA Director briefed November 18, 2003**



# Systems Integration - Phas

- **Phase II Major Actions (BIC Funding Request):**
  - **Define and map transactions**
    - Transaction and Web support for report and response
    - Expanded transactional exchange: Transfers, Followups, Revisions, Cancellations, Requests for Reconsideration
  - **Coordinate with Components external interface requirements**
  - **FMS Interface with expanded capabilities - AFSAC initiative**
  - **Define database and standard report requirements**
    - DoD-wide Management Information
    - Perfect Order Fulfillment Metrics
  - **Update policy and guidance**
  - **Design and build - Web reply screen to match redesign of SF 364**
  - **Develop training requirements and conduct training**
  - **Interactive POC Directory for ICPs and DDs - under discussion**



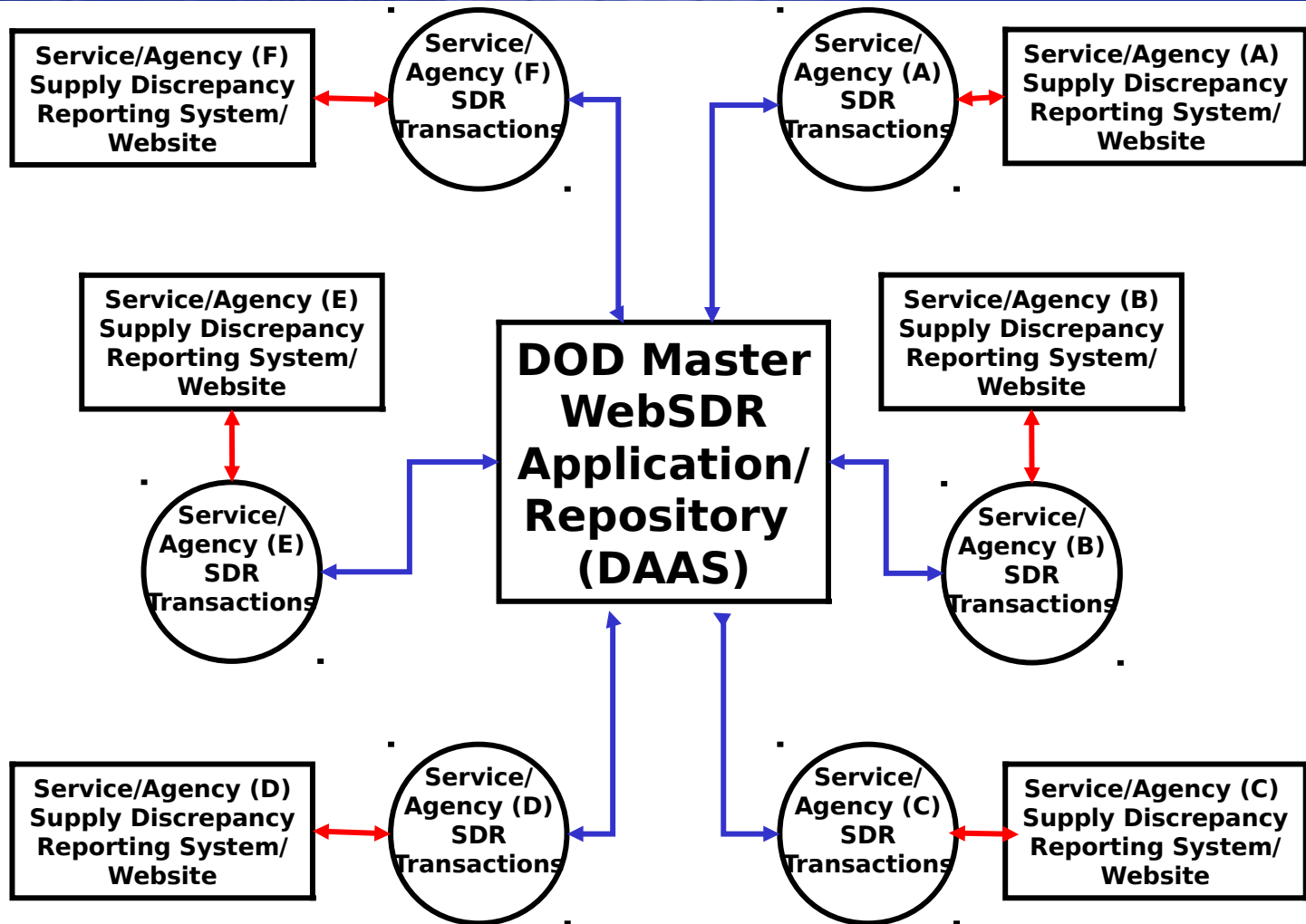


# Implementation Planning

- **Current Actions**
  - **Working with Component-provided formats for direct interface with Component SDR applications for SDR exchange**
  - **Refine data requirements as needed**
    - **Component-uniques are accommodated**
  - **Testing**
    - **Testing underway for Phase I**
    - **Interface testing with GSA about to begin**
    - **Interface testing with DLA scheduled for December 03**
  - **Phase I Implementation**
    - **Beginning December 03-January 04**
  - **Phase II planning now underway**



# End State SDR Architecture



Note: Initial recording of SDR Transactions " " may be hard copy & mailed, hard copy Scanned and emailed, text or formatted email, UDF electronic, X12, XML, Web entry, etc



# Summary

- **What's next: Continue...**
  - **Navy leadership briefings, December 8 and 11**
  - **OSD BIC Executive Steering Committee (ESC)**
- **For additional information contact:**  
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**DoD Supply Process Review Committee**  
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**<http://www.dla.mil/j-6/dlmso/>**